PTO/SB/05 (1600)

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Approved for use through 10/31/2002. OMB 065119032

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## UTILITY PATENT APPLICATION **TRANSMITTAL**

|600-1-158N DIV Attorney Docket No. Robert H. Masure First Inventor CHOLINE BINDING PROTEINS FOR

| , <b>_</b>  | TT COAAOOOATIC  |     |  |  |  |  |  |
|---|---|-----|--|--|--|--|--|
| (Only for new nonprovisional applications under 37 CFR 1.53(b))   | Express Mail Label No. EL684490894US  |     |  |  |  |  |  |
| APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.  | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231                              |     |  |  |  |  |  |
| Fee Transmittal Form (e.g., PTO/SB/17)  | 7. CD-ROM or CD-R in duplicate, large table or  |     |  |  |  |  |  |
| (Submit an original and a duplicate for fee processing)     Applicant claims small entity status.   | Computer Program (Appendix)   |     |  |  |  |  |  |
| 2. See 37 CFR 1.27.   | 7. (if applicable, all necessary)   |     |  |  |  |  |  |
| 3. X Specification [Total Pages 124]  | [Total Pages   124   ] Computer Readable Form (CRF)   |     |  |  |  |  |  |
| - Descriptive title of the invention b. Specification Sequence Listing on:  |   |     |  |  |  |  |  |
| - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D  i. CD-ROM or CD-R (2 copies); or   |   |     |  |  |  |  |  |
| - Reference to sequence listing, a table,   | - Reference to sequence listing, a table,   |     |  |  |  |  |  |
| or a computer program listing appendix - Background of the Invention  | c. X Statements verifying identity of above copies  |     |  |  |  |  |  |
| - Brief Summary of the Invention - Brief Description of the Drawings (if filed)   | ACCOMPANYING APPLICATION PARTS  |     |  |  |  |  |  |
| - Detailed Description  | 9. X Assignment Papers (cover sheet & document(s))  |     |  |  |  |  |  |
| - Claim(s) - Abstract of the Disclosure  37 CFR 3.73(b) Statement (when there is an assignee)  Power of Attorney  |   |     |  |  |  |  |  |
| 4. X Drawing(s) (35 U.S.C. 113) [ Total Sheets 18 ]   | 11. English Translation Document (if applicable)  |     |  |  |  |  |  |
| 5. Oath or Declaration and Formal [Total Pages 6]   | ad Formal [Total Pages 6 ] 12. X Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Statement (IDS)/PTO-1449 |     |  |  |  |  |  |
| a. Newly executed (original or copy)  |   |     |  |  |  |  |  |
| Copy from a prior application (37 CFR 1.63 (d)) b. X Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  |   |     |  |  |  |  |  |
| i. <u>DELETION OF INVENTOR(S)</u>   | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)   |     |  |  |  |  |  |
| Poguest and Certification under 35 U.S.C. 122   |   |     |  |  |  |  |  |
| 1.63(d)(2) and 1 33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35  |   |     |  |  |  |  |  |
| or its equivalent.  Application Data Sheet. See 37 CFR 1.76  Other: Request for Transfer of Compute  Other: Request for Transfer of Compute  17. X Other: Request for Transfer of Compute  17. X Other: Request for Transfer of Compute  18. Compute the compute the computed of the computed |   |     |  |  |  |  |  |
| 40. If a CONTINUING A DDI ICATION, about a surrounded box and assure  | Readable Form: Subplemental IDS   | (2) |  |  |  |  |  |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supp or in an Application Data Sheet under 37 CFR 1.76:   | ny the requisite information below and in a preliminary amendment,  |     |  |  |  |  |  |
| Continuation X Divisional Continuation-in-part (CIP)  | of prior application No $\phantom{00000000000000000000000000000000000$  |     |  |  |  |  |  |
| Prior application information: Examiner M. Mosher Group Art Unit: 1648  |   |     |  |  |  |  |  |
| For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  |   |     |  |  |  |  |  |
| The incorporation can only be relied upon when a portion has been inadvert  |   |     |  |  |  |  |  |
| 19. CORRESPONDENCE ADDRESS  |   |     |  |  |  |  |  |
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| Name Klauber & Jackson  |   |     |  |  |  |  |  |
| 411 Hackensack Avenue   |   |     |  |  |  |  |  |
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| City Hackensack   | State New Jersey Zip Code 07601   |     |  |  |  |  |  |
| Country United States Tele  | ephone 201-487-5800 Fax 201-343-1684  |     |  |  |  |  |  |
| Name (Print/Type) Michael D. Davis Registration No. (Attorney/Agent) 39,161   |   |     |  |  |  |  |  |
| Signature Mechael D. Dava   | Date   April 9, 2001  |     |  |  |  |  |  |

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## **FEE TRANSMITTAL** for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 1,836.00

| Complete if Known             |                  |  |  |  |
|-------------------------------|------------------|--|--|--|
| Application Number unassigned |                  |  |  |  |
| Filing Date                   | herewith         |  |  |  |
| First Named Inventor          | Robert H. Masure |  |  |  |
| Examiner Name                 | unknown          |  |  |  |
| Group Art Unit                | unknown          |  |  |  |
| Attorney Docket No.           | 600-1-158N DIV   |  |  |  |

| METHOD OF PAYMENT FEE CALCULATION (continued)   |  |  |  |  |  |
|---|--|--|--|--|--|
| 1. X The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to              | 3. ADDITIONAL FEES   |  |  |  |  |
| indicated fees and credit any overpayments to:  Deposit   | Large Small  |  |  |  |  |
| Account Number 11-1153  | Entity Entity Fee Fee Fee Fee Fee Paid Fee Paid                                  |  |  |  |  |
| Deposit   | Code (\$) Code (\$)  |  |  |  |  |
| Account   | 105 130 205 65 Surcharge - late filing fee or oath                               |  |  |  |  |
| Name L  | 127 50 227 25 Surcharge - late provisional filing fee or cover sheet             |  |  |  |  |
| Under 37 CFR 1.16 and 1.17  |  |  |  |  |  |
| Applicant claims small entity status.   | 139 130 139 130 Non-English specification  |  |  |  |  |
| See 37 CFR 1.27  2. X Payment Enclosed:   | 147 2,520 147 2,520 For filing a request for ex parte reexamination              |  |  |  |  |
| X Check Credit card Money Other   | 112 920* 112 920* Requesting publication of SIR prior to Examıner action         |  |  |  |  |
| Urder 2 talk  | 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action        |  |  |  |  |
| FEE CALCULATION   | 115 110 215 55 Extension for reply within first month                            |  |  |  |  |
| 1. BASIC FILING FEE   | 116 390 216 195 Extension for reply within second month                          |  |  |  |  |
| Large Entity Small Entity Fee Fee Fee Fee Description   | 117 890 217 445 Extension for reply within third month                           |  |  |  |  |
| Code (\$) Code (\$) Fee Paid  | 118 1,390 218 695 Extension for reply within fourth month                        |  |  |  |  |
| 101 710 201 355 Utility filing fee 710.00   | 128 1,890 228 945 Extension for reply within fifth month                         |  |  |  |  |
| 106 320 206 160 Design filing fee   | 119 310 219 155 Notice of Appeal   |  |  |  |  |
| 107 490 207 245 Plant filing fee  | 120 310 220 155 Filing a brief in support of an appeal                           |  |  |  |  |
| 108 710 208 355 Reissue filing fee  | 121 270 221 135 Request for oral hearing   |  |  |  |  |
| 114 150 214 75 Provisional filing fee   | 138 1,510 138 1,510 Petition to institute a public use proceeding                |  |  |  |  |
| SUBTOTAL (1) $(\$)710.00$   | 140 110 240 55 Petition to revive - unavoidable                                  |  |  |  |  |
| 2. EXTRA CLAIM FEES   | 141 1,240 241 620 Petition to revive - unintentional                             |  |  |  |  |
| Fee from Extra Claims <u>below</u> Fee Pa   |  |  |  |  |  |
| Total Claims $47$ -20** = $27$ × $18.00$ = $486.0$  |  |  |  |  |  |
| Independent $\boxed{11}$ - 3** = $\boxed{8}$ $\times$ $\boxed{80.00}$ = $\boxed{640.0}$                         | 144 600 244 300 Plant issue fee  |  |  |  |  |
| Multiple Dependent =  | 122 130 122 130 Petitions to the Commissioner                                    |  |  |  |  |
|   | 123 50 123 50 Processing fee under 37 CFR 1.17(q)                                |  |  |  |  |
| Large Entity Small Entity  Fee Fee Fee Fee Fee Description  | 126 180 126 180 Submission of Information Disclosure Strnt                       |  |  |  |  |
| Code (\$) Code (\$)   | 581 40 581 40 Recording each patent assignment per                               |  |  |  |  |
| 103 18 203 9 Claims in excess of 20   | property (times number of properties)  |  |  |  |  |
| 102 80 202 40 Independent claims in excess of 3   | 146 710 246 355 Filing a submission after final rejection (37 CFR § 1 129(a))    |  |  |  |  |
| 104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 *** Reissue independent claims              | 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) |  |  |  |  |
| over original patent  110 18 210 9 ** Reissue claims in excess of 20  | 179 710 279 355 Request for Continued Examination (RCE)                          |  |  |  |  |
| and over original patent  | 169 900 169 900 Request for expedited examination of a design application        |  |  |  |  |
| SUBTOTAL (2) (\$) 1,126.00  | Other fee (specify)  |  |  |  |  |
| **or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) |  |  |  |  |  |

| SUBMITTED BY      |                  |  | Complete (r | Complete (if applicable) |  |
|-------------------|------------------|--|-------------|--------------------------|--|
| Name (Print/Type) | Michael D. Davis | Registration No. (Attorney/Agent) 39,161 | Telephone   | 201-487-5800             |  |
| Signature         | Mechal D. Devis  |  | Date        | April 9, 2001            |  |

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

ROBERT H. MASURE ET AL.

SERIAL NO.:

**UNASSIGNED** 

EXAMINER:

UNKNOWN

FILED

HEREWITH

ART UNIT

UNKNOWN

FOR

CHOLINE BINDING PROTEINS FOR ANTI-PNEUMOCOCCAL

**VACCINES** 

## REQUEST FOR TRANSFER OF COMPUTER READABLE FORM

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Sir:

Applicants request that the previously submitted sequence information filed in computer readable form in Application Number 08/847,065 be used in the present Application. This sequence information was on the second computer readable form filed in that Application.

Respectfully submitted,

MICHAEL D. DAVIS Attorney for Applicant(s) Registration No. 39,161

KLAUBER & JACKSON 411 Hackensack Avenue Hackensack, NJ 07601 (201) 487-5800

Date: April 9, 2001